CONFIDENTIAL DONF CLASSIFICATION CENTRAL INTELLIGENCE AGENC INFORMATION FROM

FOREIGN DOCUMENTS OR RADIO BROADCASTS CD NO. 50X1-HUM

COUNTRY

DATE OF

1949

SUBJECT

PUBLISHED

Economic - Coal industry

INFORMATION

HOW

Monthly periodical

Feb 1950

WHERE

PUBLISHED MOSCOW

DATE

NO. OF PAGES 2

PUBLISHED

May 1949

SUPPLEMENT TO

LANGUAGE

Russian

THIS IS UNEVALUATED INFORMATION

SOURCE

Ugol', No 5, 1949.

COKING COAL INDUSTRY OF THE KUZBASS AND POSSIBILITIES FOR LTS EXPANSION

V. J. Yavorskiy, Dr Geol and Mineral Sci Stalin Prize Laureate

Considerable work has been tone on geological surveys of coal deposits in the Kurbass during the past 10-12 years but the quality of the coal has not been adequately studie. If brough ans yais of coal samples from these deposits is important, but patrographic studies of the deposits themselves should procede this.

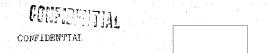
Certain previous studies revealed the presence of PZh (steam-fat) could to the bottom level of the Yermakovskiy coal beds. In the Balakhonskiy coal beds each of the coal seams consists of different petrographic types which occur in different seams in different relations. In general, coking coal is in the top level and under favorable petrographic conditions also in the middle level. In a study made in Prokop yevekly Rayon on the quality of coal over the cutent of the seam it was discovered that the volatile components of the coal in the serm decreased .5 percent per kilometer.

In spite of the fact that the prospects for developing coking coal in the Kurbass are good, i. is entirely wrong to base further development of the coking industry solely on K (acking) coal. Experiments have disclosed that 40 percent of the high-melting coking coal of the basin can be utilized for coking charges; however, since the coking industry is expanding so greatly, it is recommended that other types of coal be added to the charge: gas coal (maximum amount), lean coal, and coal with a high ash content (suitable for nking purposes after dressing). Coke evens should be adapted to take different types of coal in their charge.

The coking industry can be further developed by coal supplies from deposits in the southeast border of the basin. There is a coal deposit on the right hank of the U-su River, near the river's mouth. Exploration of the area since 1936 has disclosed that the amount of voiatile components in this coal increase

- 1 **-**

	CLASSIFICATION	CONFIDENTIAL	CONFIDENTIAL
STATE Y HAVY	X MSRB	DISTRIBUTION	
ARMY AIR	X FBI		



50X1-HUM

in a northern direction and; 25 kilometers sortheast of the mouth or the U-su the voluntile components amount to 25 percent. Under Tavorable petrographic conditions in as possible to find PZh coal on one side and K coal on the other.

Coal reas on the right bank of the U-su extend directly to the left bank of the Tom' River and run wrom this point to the Siberginskiy deposit on the Mras-su River. The coking coul of the right bank of the U-su retains its quality as for as the left bank of the Tom', but the extent it retains its quality in the direction of the Mras-su is questionable.

In drilling carried out on the left bank of the Mras-su, opposite the Siberginskiy deposit, %0 coal was found at a distance of 13 kilometers from the left bank of the Trat, along the strike of the strata. The presence of K coal can only be determined by proper sampling of coal along the stretch.

The deposits of the Palakhonskiy coal beds extend continuously along this border or the bestin, from the Mras-su River to the Kondoma River. In drilling on the right bank of the Kondoma, brand K coal was found. The distance between the drilling along the strike of the seams and that on the left bank of the Mras-su is 50 kilometers. It is difficult to assume that the quality of the coal remains unchanged over such a distance, but the extent of the changes can only be determined by sampling the coal. There may be considerable coking coal supplies here. This is a taign region and difficult to work. One region adjoining the right bank of the Kondoms River is more accessible. If the coking coal discovered in drilling on the right bank of the Kondoma retains its quality further east and extends to part of the coal of the Alardinskiy deposits, then its utilization presents no problem in view of the proximity of railroads to this region.

- E N D -

- 2 -

CONFIDENTIAL

